

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-311150
(43)Date of publication of application : 05.11.2003

(51)Int.Cl. B01J 20/24
B01J 20/30
// A61F 5/44
A61F 13/49
A61F 13/53
A61L 15/60

(21)Application number : 2002-124161 (71)Applicant : UNITIKA LTD
(22)Date of filing : 25.04.2002 (72)Inventor : NAKAI YOSHIO
KAWANAKA SATOSHI
WADA SATOKO

(54) MANUFACTURING METHOD FOR ABSORBENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a biodegradable absorbent excellent in blood absorption which can practically satisfy the performance required to an absorbent used for viscous liquid like blood, that is, repeated absorption for absorbing blood again by the absorbent which has once absorbed blood, in addition to the high absorption rate similar to that of the case of absorbing urine, excellent absorption speed, liquid permeability, etc.

SOLUTION: In the manufacturing method of the absorbent capable of absorbing the blood five times greater than the self-weight, galactomannan is dissolved and swelled in water to form galactomannan sol, and then boron and a polyvalent metal ion of a tri- or more valent metal other than boron is added to form a cross-linked product, which is dried.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or

[application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's
decision of rejection]

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]